

Work Order ID 85526

85526

Page 1

June-08-12 2:49:41 PM

Item ID: D4002-7

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Hose Assembly

Stop ***NS2***

Start Date: 08/06/2012 Start Qty: 5.00

5

Cust Item ID:

Required Date: 22/06/2012 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/06/08

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4002

D

100

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 17209
Purchase part as per Dwg D4002
Part #: 156005-6D-0213
Possible Supplier: Aviall / API
Material release note required

CA 12/06/13 5

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

5x SP
5x 12-6-14
12/6/10

Work Order ID 85526

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Page 2

June-08-12 2:49:41 PM

Item ID: D4002-7

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Hose Assembly

Stop ***NS2***

Start Date: 08/06/2012 Start Qty: 5.00 ***5***

Cust Item ID:

Required Date: 22/06/2012 Req'd Qty: 5.00 ***5***

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start ***NR1***

QC: Date: SPC (Y/N): Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120 QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

130 Identify as per dwg & Stock Location

0.00

130

Packaging

Memo

0.00

Packaging

140 QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

(x)

5x

12-6-26

12/6/28

12-06-27

Picklist

-June-08-1

Page 1

Work Order ID: 85526

85526

Parent Item: D4002-7

D4002-7

Parent Item Name: Hose Assembly

Start Date: 08/06/2012

Required Date: 22/06/2012

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP rev B
10.05.13 een10-562 EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156005-6D0213		Purchased	No			110	Each	0.0000	1	5			
156005-6D0213									**				
Hose Assembly													
D2729-1		Manufactured	No			130	Each	0.0000	1	5			
D2729-1									**				
Dart Logo label													
D2182-045		Manufactured	No			130	Each	0.0000	1	5			
D2182-045									**				
Heat Shrink 4.5" Long													

Handwritten signature and circled number 5

21864

MF 12-06-27

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

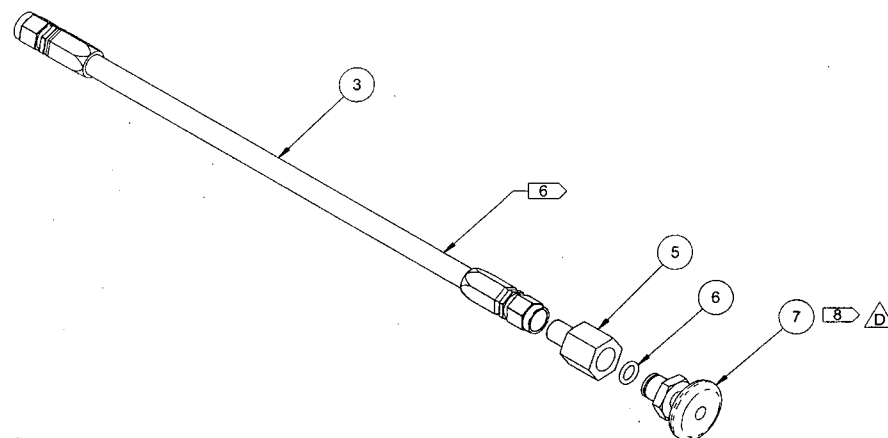
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Supplier <input type="checkbox"/>		Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Other <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Supplier <input type="checkbox"/>																
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Other <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Offset/Setup									
Other									
Process									
Supplier									
Training									
Unauthorized									

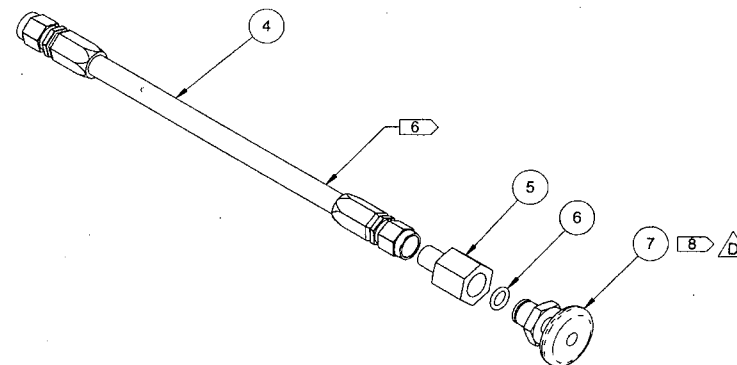
FAULT CATEGORY

Landing Gear	Hardware	General	Maintenance	Set-up
<input type="checkbox"/> Bending Passes Below Min	<input type="checkbox"/> Breaking	<input type="checkbox"/> Burrs	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Supplier
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> Missing	<input type="checkbox"/> Contamination	<input type="checkbox"/> Off-Set	<input type="checkbox"/> Temperature/Cure
<input type="checkbox"/> Cracks	<input type="checkbox"/> Size/Length	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Orientation Misread	<input type="checkbox"/> Weld
<input type="checkbox"/> Crushed/Crimp at Bending	<input type="checkbox"/> Spinning	<input type="checkbox"/> Documentation/Data	<input type="checkbox"/> Out of Calibration	<input type="checkbox"/> Wrong Stock Pulled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Threading	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence	
<input type="checkbox"/> Other	<input type="checkbox"/> Wrong	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Other
<input type="checkbox"/> Positioned Wrong		<input type="checkbox"/> Inspection Unqualified	<input type="checkbox"/> Over/Under tolerance	
<input type="checkbox"/> Ripples on Inner Bend	Drill Holes	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost	
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Misaligned	<input type="checkbox"/> Jigs/Fixtures/Tooling	<input type="checkbox"/> Part Moved	
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Kit Incorrect	<input type="checkbox"/> Raw Material	
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Over/Undersized	<input type="checkbox"/> Kit Missing		
	<input type="checkbox"/> Too Many			

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.21 lbs
D4002-043 - 0.20 lbs
- 8) DRAIN VALVE MAY NOT APPEAR EXACTLY AS PICTURED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 85576 MLJ
12/06/08

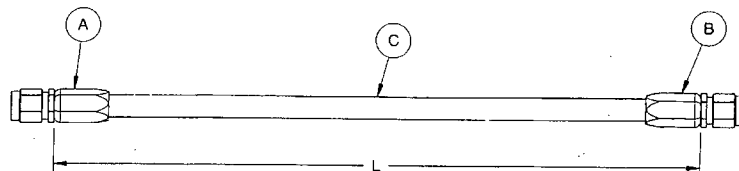
RELEASED
2011-11-16
MD

D	ADDED NOTE 8	DC	11.10.06
C	ADDED 8.00" TO D4002-1/-3 HOSES; AFFECTED WEIGHT	MB	11.09.14
B	CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2	HS	10.11.03
A	NEW ISSUE	HS	10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D4002	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HOSE ASSEMBLY	NTS
DATE	11.10.06	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

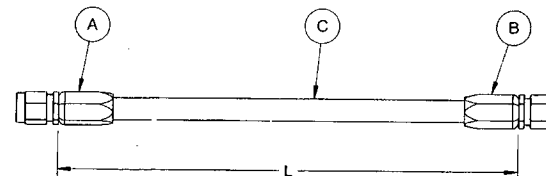
DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

SPECIFICATION CONTROL DRAWING

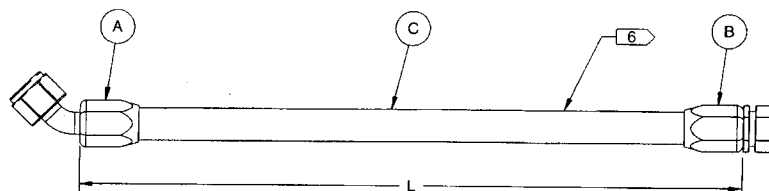
25526



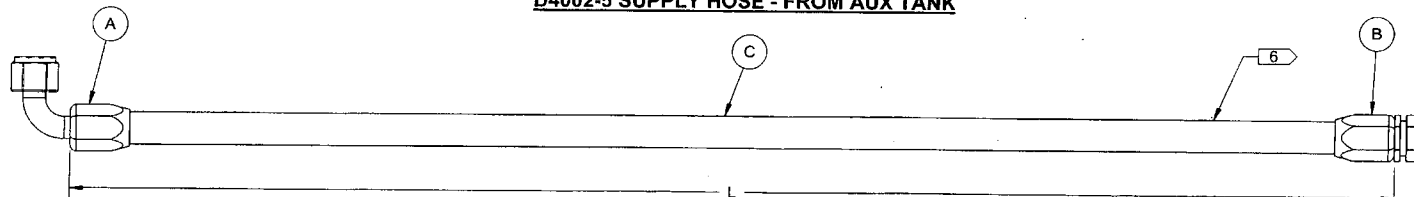
D4002-1 HOSE ASSEMBLY



D4002-3 HOSE ASSEMBLY



D4002-5 SUPPLY HOSE - FROM AUX TANK



D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0185	AVIALL/API	17.90	676-3S	676-3S	156-3	0.16 lbs
D4002-3	156001-3S-0154	AVIALL/API	14.76	676-3S	676-3S	156-3	0.15 lbs
D4002-5	156003-6D-0102	AVIALL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIALL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

RELEASED
2011-11-16

- NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
 7) WEIGHT: SEE TABLE

DESIGN	BC	DART AEROSPACE LTD	
DRAWN	BC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	BC	DRAWING NO.	REV. D
MFG. APPR.	BC	D4002	SHEET 2 OF 2
APPROVED	MA	TITLE	SCALE
DE APPR.	MA	HOSE ASSEMBLY	NTS
DATE	11.10.06	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



PACKING LIST



SHIP

74182

PAGE: 1
DATE: 06/14/12
TIME: 14:47
EMP#: 22611ORD TYP: RG 241
CURRENCY: USD

CUSTOMER P.O.: 17204

ORDER NUMBER: 0012362321- 74182

ORDER DATE: 06/13/12

SHIP VIA: FED PLAM - COLLECT

B 032028
I DART AEROSPACE LTD
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
OS
H DART AEROSPACE LTD
I
P 1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
T CANADA
OS 41270
H AVIALL DALLAS HOSE SHOP
I
P AVIALL
HOSE SHOP
F 2755 REGENT BLVD
R DFW AIRPORT TX 75261-9048
O
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
------	-----	---------------------	-------------------	------------------	------------	-----	------------	----------------	----------------------------

PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT
NUMBER 1517-9324-0, AWB# MUST REFERENCE
THE PURCHASE ORDER NUMBER, SHIP TO THE
ATTN OF CHANTAL 613-632-9577

1	1S	156005-6D0213	5	5		0 EA	128.13	128.1300	640.65
---	----	---------------	---	---	--	------	--------	----------	--------

HOSE: MED PRESSURE, RUBBER

REIN ST, REF:

Schedule B: 4009.22.0050

ECCN: EAR99

LOT 51243197 EA

5

Country of Origin: U.S.A.

*** The recipient of these goods agrees to comply with all export regulations
*** governing the transfer, sale, lease, or use of these goods. Diversion
*** contrary to U.S Law is prohibited.***

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL

640.65

AOC TOTAL

0.00

FREIGHT

0.00

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Quality Assurance & Training

Shipped Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED
MERCHANDISE SUBJECT TO HANDLING FEE.THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS
OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER COPY



Hose Shop 2755 Regent Blvd. DFW Airport

75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 12362321

1. 156005-6D0213 5EA.

8/2/04/19

972-586-1381

Signed: 

Date: 6-14-12

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001